

Bolometric Detectors and Astrophysics

- 1) Current state of detector technology at JPL.**
 - a) (Detector technology is basically described in poster cleared earlier)**
- 2) Tradeoffs in array format and optical coupling.**
- 3) Superconducting bolometer arrays.**
 - a) Status of efforts at GSFC, UCB. (Since this is a review talk, all materials are already public information.)**
- 4) Tradeoffs between antenna-coupled and classical coupling.**
- 5) Future astrophysics applications.**
 - a) Cosmic Microwave background Polarimetry Spectroscopy with a fixed, cooled aperture Interferometry.**